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National Agricultural Statistics Service

WISCONSIN FARM REPORTER

Wisconsin Field Office P.O. Box 8934 · Madison, WI 53708-8934
(608) 224-4848 · (608) 224-4855 FAX · www.nass.usda.gov/wi E-mail: nass-wi@nass.usda.gov
Compiled in cooperation with the Wisconsin Department of Agriculture, Trade and Consumer Protection and is available on request.
Robert J. Battaglia, Director

August Crop Production Report

The August Crop Production report contains NASS's first estimates of yield and production for corn, soybeans and other spring-planted row crops. Objective yield surveys were conducted in the major producing States that usually account for about 75 percent of the United States production. These objective yield field visits, as well as approximately 27,000 producer interviews, were conducted to obtain probable yields. These growers and fields will continue to be surveyed throughout the growing season to provide indications of average yields. Thank you to all of the producers who participate in these surveys.

Wisconsin **corn** harvested for grain acres are anticipated to be 3.28 million acres, up 180,000 acres from last year. Corn is expected to yield 159 bushels per acre, down 3 bushels from 2010's record high. Production is forecast at 522 million bushels of corn, up 4 percent from last year's 502 million bushels. As of July 31, corn was rated 81 percent good to excellent condition by *Wisconsin Crop Progress* reporters. Statewide, the percent of corn silked on July 31 was 72 percent. This puts this year's crop progress behind last year, but ahead of the 5-year average. Above average temperatures in July pushed growing degree days above average and helped the crop catch up despite late planting in many areas of the state.

Nationally, **corn** production is forecast at 12.9 billion bushels, up 4 percent from 2010. If realized, this will be the third largest production total on record for the United States. Based on conditions as of August 1, yields are expected to average 153.0 bushels per acre, up 0.2 bushel from 2010, and the fourth highest yield on record. Acreage planted for all purposes is estimated at 92.3 million acres, unchanged from the June estimate. Area harvested for grain is forecast at 84.4 million acres, down less than 1 percent from June but up 4 percent from 2010.

Warm weather and adequate soil moisture levels in many of the major corn-producing States provided nearly ideal growing conditions for emerging plants during the first half of June. By June 19, virtually all of the nation's corn acreage had emerged. Wet weather continued across most of the Midwest during the second half of June, maintaining abundant moisture reserves for corn. During the first half of July, warm weather, scattered showers, and abundant soil moisture promoted rapid crop development across the northern Plains and Midwest, while relentlessly hot, dry weather persisted in the south-central United States. As of July 17, thirty-five percent of the corn acreage was at or beyond the silking stage. The latter part of the month saw above normal temperatures reported across much of the major corn-producing regions.

Statewide **soybean** production is expected to reach 74.3 million bushels, down 10 percent from 2010. Soybean yield is forecast at 45 bushels per acre, down 5.5 bushels from last year's record high. Wisconsin farmers expect to harvest 1.65 million acres of soybeans in 2011 compared to 1.63 million last year. Wisconsin soybean crop condition was rated 81 percent good to excellent by *Wisconsin Crop Progress* reporters as of July 31. Soybean maturity in the state is about a week behind the 5-year average.

Soybean production is forecast at 3.06 billion bushels, down 8 percent from last year. Based on August 1 conditions, yields are expected to average 41.4 bushels per acre, down 2.1 bushels from last year. Area for harvest in the United States is forecast at 73.8 million acres, down less than 1 percent from June and down 4 percent from 2010. Planted area for the Nation is estimated at 75.0 million acres, down fractionally from June.

As of July 31, sixty percent of the United States soybean crop was rated in good to excellent condition, 6 percentage points less than the same week in 2010. Good to excellent ratings decreased across much of the soybean growing region during July, with declines in condition ratings of 13 points or more in Indiana, Kansas, Kentucky, and Missouri due to hot, dry weather. Extremely dry conditions have also hampered yield expectations in Texas, where the yield forecast of 20 bushels per acre will be the lowest since 1993, if realized.

Winter wheat production in Wisconsin is forecast at 21.4 million bushels harvested, up from 14.7 million bushels last year. The increase in production is due both higher yield and acreage harvested than last year. Farmers anticipate winter wheat to yield 68 bushels per acre, unchanged from last month and up from 64 bushels per acre last year.

Nationwide, winter wheat production, at 1.50 billion bushels, is up 1 percent from last year. Based on August 1 conditions, the U.S. yield is forecast at 46.3 bushels per acre, up 0.1 bushel from last month, and 0.5 bushels lower than last year.

Wisconsin **oat** production is forecast at 7.92 million bushels, down from 9.86 million bushels last year. The oat crop is expected to yield 66.0 bushels per acre, unchanged from last month, and 8 bushels above last year. U.S. oat crop is expected to total 57.5 million bushels this year, down from 81.2 million bushels in 2010. Nationwide yield is forecast at 61.6 bushels per acre, up 1.1 bushels from last month, and 2.7 bushels below last year.

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Inside This Issue:

This Farm Reporter contains the results from the following surveys. Thanks for your help!

Ag Yield Survey
Corn Objective Yield Survey
June Area Survey
Apple Report

Farmers throughout the state anticipate harvesting 3.11 million tons of **alfalfa** and alfalfa mixture dry hay in 2011, down 18 percent from 2010. Yield is forecast at 2.70 tons per acre, down 0.2 ton per acre from last year. Nationwide, farmers anticipate harvesting 65.0 million tons of alfalfa and alfalfa mixture dry hay this year, a decrease of 2.91 million tons from last year. National alfalfa and alfalfa mixture dry hay yields are expected to be 3.36 tons per acre compared to 3.40 tons per acre last year.

All other dry **hay** acres harvested are expected to produce 665,000 tons in Wisconsin this year, a decrease of 91,000 tons from 2010. Wisconsin farmers anticipate the all other dry hay crop to yield 1.90 tons per acre, down from 2.10 tons per acre last year. U.S. all other dry hay production is forecast at 67.0 million tons, down from 77.7 million tons last year. Nationwide yield is expected to be 1.75 tons per acre, down from 1.95 tons per acre a year ago.

Statewide 5,500 acres were planted to **dry edible beans** this year, down 700 acres from 2010. Dry edible bean harvest is expected on 5,500 acres, compared to 6,200 acres last year. Dry edible bean production is expected to reach 118,000 hundredweight (cwt.) in Wisconsin for 2011. Wisconsin dry edible bean yield is forecast at 2,150 pounds per acre, the same as last year. Nationally, dry edible beans were planted on 1.78 million acres, up from 1.54 million acres in 2009. Nationwide, 1.19 million acres of dry edible beans will be harvested compared to 1.84 million acres last year. U.S. dry edible bean production is forecast at 20.5 million cwt., down from 31.8 million cwt. last year. Dry edible bean forecasted yield for the nation is 1,718 pounds per acre, compared to 1,726 pounds per acre last year.

August Crop Summary, 2010 and Forecasted 2011

Crop	Harvested acres		Yield per acre		Unit	Production	
	2010	2011*	2010	2011*		2010	2011*
	Thousand					Thousand	
WISCONSIN							
Corn, all	3,100	3,280	162.0	159.0	Bu.	502,200	521,520
Soybeans	1,630	1,650	50.5	45.0	Bu.	82,315	74,250
Oats	170	120	58.0	66.0	Bu.	9,860	7,920
Winter wheat	230	315	64.0	68.0	Bu.	14,720	21,420
Alfalfa hay (dry)	1,300	1,150	2.90	2.70	Ton	3,770	3,105
All other hay (dry)	360	350	2.10	1.90	Ton	756	665
Dry edible beans	6.2	5.5	21.5	21.5	Cwt.	133	118
UNITED STATES							
Corn, all	81,446	84,388	152.8	153.0	Bu.	12,446,865	12,914,085
Soybeans	76,616	73,823	43.5	41.4	Bu.	3,329,341	3,055,882
Oats	1,263	934	64.3	61.6	Bu.	81,190	57,489
Winter wheat	31,749	32,307	46.8	46.3	Bu.	1,485,236	1,497,429
Alfalfa hay (dry)	19,956	19,329	3.40	3.36	Ton	67,903	64,996
All other hay (dry)	39,906	38,276	1.95	1.75	Ton	77,653	67,002
Dry edible beans	1,843	1,190	17.3	17.2	Cwt.	31,801	20,451

*August 1, 2011 forecast. Source: USDA, NASS, WI FO

Farm Real Estate Values Up in Wisconsin

As of January 1, 2011, the value of farm real estate, including land and buildings, in Wisconsin averaged $4,050 per acre, up 8 percent from the previous year. Compared with its neighbors in the Lake States region, Wisconsin had a higher value than both Michigan at $3,850 and Minnesota at $3,350. The national average was $2,350 per acre. Cropland values in Wisconsin averaged $3,950 per acre. This was an increase of $300 from last year. Average pasture values increased $40 per acre to $2,090 per acre.

Wisconsin had a cropland rental rate of $99.00 per acre, as of January 1, 2011. This is an increase of $7.00 over last year. Wisconsin had a pasture rental rate of $32.00 per acre. This is well above the U.S. average of $11.50 per acre. *The 2011 cropland rental rates by county will be available on line on September 9.*

Farm Real Estate Values

State	2009	2010	2011	Change
	Dollars per acre			Percent
Lake States:	3,300	3,340	3,650	+9
Michigan	3,750	3,650	3,850	+5
Minnesota	2,870	2,990	3,350	+12
Wisconsin	**3,750**	**3,750**	**4,050**	**+8**
Corn Belt:	3,620	3,960	4,590	+16
Illinois	4,530	4,900	5,700	+16
Indiana	4,020	4,300	4,800	+12
Iowa	3,850	4,500	5,600	+24
Missouri	2,200	2,350	2,530	+8
Ohio	3,880	4,000	4,300	+8
United States 1/	2,110	2,200	2,350	+7

1/Excludes Alaska and Hawaii. Source: USDA, NASS, WI FO

In the fall of 2010, NASS collected data about chemical use and pest management on acres of corn and potatoes that were planted for the 2010 crop year. The table below shows agricultural chemicals applied to these crops. Complete results from the survey can be found online at:
www.nass.usda.gov/Surveys/Guide_to_NASS_Surveys/Chemical_Use.

Major Chemical Use, Wisconsin, 2010

Agricultural chemical	Area Applied	Applications	Rate Per Application	Rate Per Crop Year	Total Applied
	Percent	Number	Pounds Per Acre		1,000 lbs
Corn 1/					
Herbicides:					
Acetochlor (Harness, Keystone, TopNotch)	37	1.0	1.68	1.72	2,471
Atrazine (AAtrex, Harness Xtra, Lumax, Marksman)	62	1.0	0.71	0.73	1,747
Clopyralid (Accent Gold, Hornet)	39	1.0	0.10	0.10	154
Dicamba, Sodium Salt (Require Q, Status, Yukon)	5	1.0	0.08	0.08	15
Diflufenzopyr-sodium (Status)	2	1.0	0.04	0.04	3
Dimethenamid-P (G-Max Lite, Integrity, Outlook)	1	1.0	0.63	0.63	29
Flumetsulam (Accent Gold, Hornet)	39	1.0	0.04	0.04	58
Glyphosate (Halex GT, Touchdown, Traxion)	4	1.0	0.91	0.91	150
Glyphosate iso. salt (Buccaneer, Durango, Roundup)	47	1.1	0.86	0.93	1,668
Mesotrione (Callisto, Camix, Halex GT, Lumax)	32	1.0	0.15	0.15	189
Nicosulfuron (Accent Gold, Celebrity, Steadfast)	6	1.0	0.02	0.02	4
Rimsulfuron (Accent Gold, Basis, Steadfast)	7	1.0	0.01	0.01	3
S-Metolachlor (Bicep II Mag, Dual II Mag, Halex GT, Lumax)	32	1.0	1.56	1.56	1,915
Insecticides:					
Tefluthrin (Force 3G)	10	1.0	0.12	0.12	46
Fall Potatoes 2/					
Herbicides:					
Linuron (Linex, Lorox)	34	1.0	0.49	0.49	11
Metribuzin (Parallel, Sencor, TriCor)	58	1.0	0.41	0.41	15
Pendimethalin (Acumen, Pendimax, Prowl, Stealth)	28	1.0	0.71	0.71	12
Rimsulfuron (Matrix)	46	1.3	0.02	0.03	1
S-Metolachlor (Brawl, Dual Magnum)	24	1.0	0.95	0.95	14
Insecticides:					
Bifenthrin (Brigade, Fanfare, Hero, Sniper)	38	1.0	0.06	0.06	1
Esfenvalerate (Adjourn, Asana XL)	23	1.6	0.03	0.04	1
Imidacloprid (Admire, Leverage, Nuprid, Provado)	13	1.4	0.17	0.24	2
Novaluron (Rimon)	12	2.8	0.05	0.15	1
Thiamethoxam (Actara, Platinum)	28	1.0	0.10	0.10	2
Fungicides:					
Azoxystrobin (Quadris)	29	1.3	0.10	0.13	2
Boscalid (Endura)	76	1.9	0.19	0.36	17
Chlorothalonil (Bravo, Echo, Equus)	96	8.8	0.90	7.94	475
Copper hydroxide (Champ, Kocide)	13	5.5	0.43	2.37	19
Cymoxanil (Curzate, Tanos)	47	1.9	0.10	0.20	6
Difenoconazole (Revus Top)	81	1.6	0.10	0.16	8
Famoxadone (Tanos, Reason)	36	1.8	0.10	0.18	4
Mancozeb (Dithane, Gavel, Manzate, Penncozeb)	66	3.5	1.03	3.64	150
Mandipropamide Technical (Revus, Revus Top)	81	1.7	0.10	0.17	9
Mefenoxam (Ridomil Gold, Ultra Flourish)	66	1.5	0.17	0.26	11
Propamocarb Hydroch (Previcur Flex)	34	1.3	0.86	1.14	24
Pyraclostrobin (Headline)	52	1.6	0.10	0.16	5
Triphenyltin hydrox. (Agri Tin, Super Tin)	51	2.1	0.13	0.27	9
Zoxamide (Gavel)	23	1.8	0.11	0.20	3
Other Chemicals:					
Diquat dibromide (Reglone)	74	1.5	0.41	0.60	28
Maleic Hydrazide (Royal MH-30)	24	1.0	3.05	3.05	46

1/ Planted acres in 2010 for Wisconsin were 3.90 million acres. 2/Planted acres in 2010 for Wisconsin were 62,500 acres.
Source: USDA, NASS, WI FO

Wisconsin Apple Forecast Up

The forecast for Wisconsin's 2011 apple crop is 43.2 million pounds. If realized, this would be 16.8 percent above last year. This year's apple season got off to a slow start due to a cooler spring. However, spring frost was not a problem for growers this year like it was in 2010. A majority of operations said this year would be better than last year. A hail storm cut through part of Wisconsin early this spring and some reports mentioned damaged fruit. Recently, ample rain and sunshine have helped the crop significantly.

U.S. apple production is forecast at 9.51 billion pounds, up 2 percent from 2010. The state with the largest production, Washington, is forecast to produce 5.40 billion pounds, down 3 percent from last year's production. Production in the Central States (Illinois, Indiana, Iowa, Kentucky, Michigan, Minnesota, Missouri, Ohio, Tennessee, and Wisconsin) is forecast at 1.27 billion pounds, an increase of 49 percent from 2010.

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